

British Gliding Association – Technical Committee**Technical News Sheet 02/03****Part 1** Airworthiness issues (all categories)

- 1.1 **Avia Stroitel ME7, AC4 series** BGA 034/01/2003 issue1 (Mandatory)
Before flight inspection of Aileron and Airbrake control systems.
Details enclosed
- 1.2 **Centrair 201 Marianne** BGA 033/11/2002 issue 1 (Mandatory)
Inspection and modification to forward Air Brake handle
Details enclosed
- 1.3 **Grob G102 Standard Astir 111, Club Astir 111 and 111b** (Optional)
AD 2001-317/4 MSB306-36/3
Serial Nos: ALL
Introduction of additional mass balance weights. This AD is classified as mandatory by the LBA but the BGA Technical Committee has decided that the installation of the additional weights is optional on BGA gliders. If the additional mass balance weights are not installed the Vne restriction to 89 kts. Applies.
AD details enclosed.
- 1.4 **Rollanden-Schneider LS8** (Recommended)
May also be applicable to other LS types.
Reported by Jim Tucker of Southdown Gliding Club.
Forward canopy retention "T" bar welds impinging on sides of slot. Indentations worn into sides of slot preventing easy operation of jettison control.
LS response – Check the "T" bar rod is not bent and ensure clearance of 1.2 to 2mm exists under stop bolt. Lubrication is recommended. A force of between 15 and 20 kg is required to operate the handle
- 1.5 **Schempp-Hirth Discus 2a, 2b** AD 2003-048, TN360-19 (Mandatory)
Serial Nos; 13 to 22, 24, 27, 28, 30 to 48, 50, 51, 53 to 55, 57 to 63, 65, 67, 68, 71 to 79, 81 & 82. Aircraft that comply with TN360-16 are not affected.
Horizontal stabiliser and elevator push rod change and mass balance elevator.
AD details enclosed
- 1.6 **Slingsby T61E/F Venture** T.I. No: 111/T61 (Mandatory)
Serial Nos: 1870 to 1884 and 1961 to 1985
Condition check and Structural Audit to gather data for lifting of the expired 15 year fatigue life. The BGA consider this inspection Mandatory.
Reference is made to the Venture Repair Manual. This is not available from Slingsby's, please contact Ken Ballington if you need access to a copy.
'ken_ballington@compuserve.com'
Please note; a Motor Glider rating (MG) is required to certify this inspection.
TI has been sent to owners by Slingsby Aviation. Further copies available from them.
- 1.7 **SZD 50/1 & /3 Puchacz** SB-34/50/03/87 (Mandatory)
Reminder those 1000-hour inspections are required and fatigue life is currently 6000 hours.

- 1.8 **Valentin Taifun 17E** AD 2003-051, SB 03/818 (Mandatory)
Serial Nos: ALL
Wing locking mechanism inspection and operational check.
AD details enclosed
- Engines
- 1.9 **Rotax 912 A/F/S** AD 105R1, SB912-028R1 (Mandatory)
Serial Nos: as detailed on AD
Inspection of engine mount. AD and SB revised.
AD details enclosed
- 1.10 **Rotax 912 A/F/S** AD 107R2, SB912-029R1 (Mandatory)
Serial Nos: as detailed on AD
Crankcase inspection. AD and SB revised.
AD details enclosed
- 1.11 **Rotax 912 A/F/S** SB912-037 (Optional)
Serial Nos: A – 4,380.600>. F – 4,412.501>. S – 4,922.503>.
Improved starter motor.
Rotax 912 A/F/S AD 114R1 (Information)
Serial Nos: ALL
Cancellation of AD 114, addendum to operators manual withdrawn.
AD details enclosed
- 1.12 **Rotax 912 A/F/S** SB912-038 (Mandatory)
Serial Nos: ALL
Instructions not to turn engine backwards. Revision to operators manual.
- 1.13 **Rotax 912 A/F/S** SB912-039 (Mandatory)
Serial Nos: a - >4,410.479 F – >4,412.820 S – >4,420.316
Modification to coolant system vent bottle.
- 1.14 **Rotax 912 series** SL912-009 (Information)
Serial Nos: ALL
Engine coolant specifications.
- 1.15 **Rotax 914 F** SB914-006 (Optional)
Installation of reduced noise muffler.
- 1.16 **Rotax 914 F** AD 105R1, SB914-016R1 (Mandatory)
Serial Nos: as detailed on AD
Inspection of engine mount. AD and SB revised.
AD details enclosed
- 1.17 **Rotax 914 F** AD106R1, SB914-017R1 (Mandatory)
Inspection of exhaust bends
AD details enclosed

- 1.18 **Rotax 914 F** AD 107R2, SB914-018R1 (Mandatory)
Serial Nos: as detailed on AD
Crankcase inspection. AD and SB revised.
AD details enclosed
- 1.19 **Rotax 914 F** SB914-023 (Optional)
Serial Nos: 4,420.001
Improved starter motor.
- 1.20 **Rotax 914 F** AD 114R1 (Information)
Serial Nos: ALL
Cancellation of AD 114, addendum to operators manual withdrawn.
AD details enclosed
- 1.21 **Rotax 914 F** SB914-024 (Mandatory)
Serial Nos: ALL
Instructions not to turn engine backwards. Revision to operators manual.
AD details enclosed
- 1.22 **Rotax 914 F** SB914-025 (Mandatory)
Serial Nos: >4,420.316
Modification to coolant system vent bottle.
- 1.23 **Rotax 914 series** SL914-008 (Information)
Serial Nos: ALL
Engine coolant specifications.

Equipment

- 1.24 **Cair Aviation Information Leaflets:**
IL1 issue 2 Ottfur release hooks and information on metric bolts
IL2 Compass check swing for gliders
IL3 Cair modified Ferranti Mk 6 & Mk 14 Artificial Horizons
IL4 Quick release unit springs
IL5 OM104C & OM106E series Ottfur release units
IL6 Inspection guidelines for vintage Ottfur release units

Available from Cair Aviation or as handouts at the BGA conference.

Part 2 Modifications

None this issue

Part 3 General Matters

- 3.1 Security of slot in seat backs. As covered in “Special Inspections All Types” item 17. ME7 and AC4 are additional types to look out for. Modification is required to any type of glider if there is a possibility of the seat back moving under negative “G” situations. Apply to the BGA for mod approval.

Compliance Statement:

All mandatory inspections and modifications have been included up to the following;

Airworthiness Notices, Contents issue 131

Mandatory Aircraft Modifications & Inspections Summary, issue 268

FAA Summary of Airworthiness Directives. Bi-weekly listing 2003-03

Foreign Airworthiness Directives Vol. I and II – CAA Additional Airworthiness Directives, issue 342

Foreign Airworthiness Directives Vol III, issue 352

CAA Mandatory Permit Directives, issue 2002/3

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